

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	36128	(powder or granula\$4) near coat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 15:15
S2	414	((powder or granula\$4) near coat\$3) and (spray\$3 near booth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 11:26
S3	85	((((powder or granula\$4) near coat\$3) and (spray\$3 near booth)) and (powder near (remov\$3 or extract\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 11:29
S4	526	118/309	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:02
S5	205	454/50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:02
S6	1955	427/180	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:02
S7	4	((("3029776") or ("1448000") or ("4294191") or ("5833751")).PN.	USPAT; USOCR	OR	OFF	2004/03/17 13:51
S8	36	becker-josef.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 13:55
S9	3	becker-josef-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 13:56
S10	1497	118/326	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:02

## EAST Search History

S11	526	118/309	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:02
S12	1628	118/308	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:02
S13	205	454/50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:02
S14	1955	427/180	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:02
S15	5151	118/326 118/309 118/308 454/50 427/180	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/18 10:57
S16	1007	((118/326 118/309 118/308 454/50 427/180 ) and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 06:48
S17	138	((118/326 118/309 118/308 454/50 427/180 ) and vacuum) and (booth or cabin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:19
S18	22	((118/326 118/309 118/308 454/50 427/180 ) and vacuum) and (booth or cabin\$3)) and cyclone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 14:32
S19	5154	118/326 118/309 118/308 454/50 427/180.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/18 10:57

## EAST Search History

S20	4	(118/326 118/309 118/308 454/50 427/180 ) and (dual near cyclone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/18 11:24
S21	0	((118/326 118/309 118/308 454/50 427/180 ) and (dual near cyclone)) and ((118/326 118/309 118/308 454/50 427/180 ) and sieve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/18 11:24
S22	226	(118/326 118/309 118/308 454/50 427/180 ) and sieve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/18 11:24
S23	21	(239/693).CCLS.	USPAT; USOCR	OR	OFF	2004/03/18 13:23
S24	33	(239/694).CCLS.	USPAT; USOCR	OR	OFF	2004/03/18 13:23
S25	279	(239/690).CCLS.	USPAT; USOCR	OR	OFF	2004/03/18 13:24
S26	102	(239/691).CCLS.	USPAT; USOCR	OR	OFF	2004/03/18 13:24
S28	2983	(427/180,345,478,421,350).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:59
S29	1695	(118/309,312,326).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:59
S30	4564	S28 S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 06:48
S31	844	S30 and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:59
S33	2983	(427/180,345,478,421,350).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:59

## EAST Search History

S34	1695	(118/309,312,326).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:59
S35	4564	S33 S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:59
S36	991	S35 and rotat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 09:00
S37	2	("4647298").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/16 17:07
S38	64272	("118").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/13 15:55
S39	144817	("427").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/13 15:55
S40	31732	("454").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/13 15:55
S41	64353	("239").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/13 15:55
S42	289194	S38 S39 S40 S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 15:57

## EAST Search History

S43	1171	S42 and (spray\$3 near booth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 15:58
S44	32	S43 and (powder near extract\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 15:57
S45	44955	S42 and vacuum\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 15:58
S46	173	S43 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 15:58
S47	20	S44 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 15:59
S48	27	("4099937"   "4144043"   "4162906"   "4204849"   "4260400"   "4351567"   "4409009"   "4471715"   "4514193"   "4704953"   "4770118"   "4851261"   "4852513"   "4886011"   "4898116"   "5259879"   "5417765"   "5456023"   "5669949"   "5683479"   "5690995"   "5759271"   "5776249"   "5788728"   "5833751"   "5928395"   "5975874").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 16:00
S49	15	("1448000"   "20010039920"   "3029776"   "4294191"   "4715314"   "4898116"   "4924803"   "5346553"   "5680670"   "5743958"   "5833751"   "6148552"   "6458209").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 16:11

## EAST Search History

S50	328	(55/315).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/21 10:04
S51	365	(55/431).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/21 11:27
S52	361	(55/dig.46).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/21 09:40
S53	41461	(powder or granula\$4) near coat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/21 10:04
S54	722	S53 and cyclon\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:05
S55	272	S54 and vacuum\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:52
S56	10	prinzing-robert.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 10:53
S57	15	geman.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 11:12
S58	341	gema-\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 11:12

## EAST Search History

S59	373672	(powder or granula\$3 or particles) and spray\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:48
S60	2720	S59 and (spray\$3 with booth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:51
S61	136	S60 and (feed\$3 with hopper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:49
S62	5936	S59 and (feed\$3 with hopper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:49
S63	136	S60 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:50
S64	36	S63 and extract\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:50
S65	98985	S59 and extract\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:52
S66	43761	S65 and vacuum\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:52

## EAST Search History

S67	1302	S66 and cyclone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:53
S68	116	S67 and (negative with pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:13
S69	13	("3266226"   "4647298"   "5107756"   "5256201"   "5275634"   "5288324"   "5421885"   "5690995"   "5743958"   "5782943"   "5788728"   "6461431").PN. OR ("7014670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/01 09:18
S70	3	("7014670").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 09:18
S71	13	("3266226"   "4647298"   "5107756"   "5256201"   "5275634"   "5288324"   "5421885"   "5690995"   "5743958"   "5782943"   "5788728"   "6461431").PN. OR ("7014670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/01 09:18
S72	13	("3266226"   "4647298"   "5107756"   "5256201"   "5275634"   "5288324"   "5421885"   "5690995"   "5743958"   "5782943"   "5788728"   "6461431").PN. OR ("7014670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/01 09:19
S73	65166	("118").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 10:13
S74	146844	("427").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 10:13



## EAST Search History

S75	32030	("454").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 10:13
S76	65178	("239").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 10:13
S77	292893	S73 S74 S75 S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:13
S78	3824	S77 and (negative with pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:15
S79	19	S77 and (cyclone with negative with pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:16
S80	1	shutic-jeffrey.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:19
S81	74	shutic-jeffrey-r.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 09:49
S82	0	("200220078883").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 11:45
S83	2	("20020078883").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 11:45

## EAST Search History

S84	93317	powder with spray\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 15:16
S85	18541	(powder or granula\$4) near spray\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 15:16
S86	81743	(powder or granula\$4) with spray\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 15:16
S87	81743	S85 S86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 15:16
S88	1005	S84 and (spray\$3 with booth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 15:20
S89	224	S88 and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 15:20
S90	46	S89 and (negative with pressur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 15:21
S91	2	("6840463").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 17:06

## EAST Search History

S92	11	("4105256"   "4270942"   "5275634"   "5421885"   "5505566"   "5615980"   "5620138"   "5743958"   "5788728"   "5846031"   "6223997").PN. OR ("6840463"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 15:44
S93	23	"4730647"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 17:06
S94	14	((("4730647") or ("5296029") or ("4303417") or ("5095811") or ("5078084") or ("5153028") or ("5512100")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 17:08
S95	2	S94 and cyclone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/03 17:08
S96	82	shutic-jeffrey-r.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 09:51
S98	6	fenik-larry-r.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 09:50
S99	9	mancuso-david.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 09:51
S10 0	16	peddie-andrew-m.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 09:51

## EAST Search History

S10 1	13	("3266226"   "4647298"   "5107756"   "5256201"   "5275634"   "5288324"   "5421885"   "5690995"   "5743958"   "5782943"   "5788728"   "6461431").PN. OR ("7014670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 09:52
S10 2	96	((powder or granula\$4) near coat\$3) and (spray\$3 near booth)) and (powder near (remov\$3 or extract\$3) and filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 11:30
S10 3	17	("3719030"   "3918641"   "4153008"   "4430956"   "4504292"   "4537120"   "4715314"   "5107756"   "5256201"   "5681390").PN. OR ("6461431").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 11:30
S10 4	26	("4378728"   "4562791"   "4590884").PN. OR ("5107756"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 11:38
S10 5	5	("4303417"   "5056460"   "5107756"   "5205869"   "5906676").PN. OR ("6663693"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 11:39